IN THE SPECIFICATION:

Please **insert the following on page 1, before line 3:**

The present application claims priority under 35 U.S.C. §119 to Japanese Patent Application No. 2002-187297, filed June 27, 2002, the entire disclosure of which is hereby incorporated by reference.

Please **amend the paragraph beginning on page 3, line 25,** as follows:

Maximum value determiner 814 ~~compare~~ compares input pixel values with each other, determines the largest pixel value among the input pixel values, and outputs the result of determination to selector 810. Minimum value determiner 817 compares input pixel values with each other, determines the smallest pixel value among the input pixel values, and outputs the result of determination to selector 810.

Please **amend the paragraph beginning on page 10, line 30,** and **ending on page 11, line 2,** as follows:

Further, as to the sorting of pixel values at the filtering operation unit, only one sorting operation at the removing unit and one sorting operation at the sorting unit, are necessary. Therefore, a number of circuits related to the sorting operation of the filtering operation unit can be reduced. Consequently, the

scale of the data driven type information processing apparatus becomes smaller.

Please **amend the paragraph beginning on page 14, line 11,** as follows:

Preferably, the above described data driven type information processing apparatus further includes a program storing unit storing a data flow program consisting of a plurality of pieces of destination information and a plurality of pieces of instruction information, receiving a packet, reading the next order (subsequent) destination information and next order (subsequent) instruction information from the data flow program, storing the read information in the destination field and the instruction field of the received packet, respectively, and outputting the received packet, a pair of data detecting ~~unit~~ units receiving as an input the packet output from the program storing unit, storing, in the received packet, contents necessary for executing the instruction information in the instruction field of the packet and outputting the packet to the operating unit, and an input/output control unit receiving the packet output from the operating unit and outputting the packet to the outside or to the program storing unit.